STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-179)	PEGTIBATINASE
PRONUNCIATION	peg” tye ba' tin ase
THERAPEUTIC CLAIM	Treatment of homocystinuria

CHEMICAL NAMES

1. 2-413-Cystathionine β-synthase [15-serine] (recombinant human clone OT-58), pegylated (Source: CAS)

2. human cystathionine β-synthase fragment (2-413, M^1 cleaved) mutant (C^{15}>S), homodimer, produced in *Escherichia coli*, pegylated at *N*6 of lysine residues with an average of five 5-[α-methylpoly(oxyethylene)-ω-oxy]-5-oxopentanoyl groups per protein monomer; des-Met1-[Cys^{15}>Ser] human cystathionine β-synthase (CBS, betathionase, serine sulfhydrase, EC:4.2.1.22) (2-413)-peptide, non-covalent dimer, produced in *Escherichia coli*, substituted with approximately five 5-[α-methylpoly(oxyethylene)-ω-oxy]-5-oxopentanoyl groups (20 kDa each) per protein monomer at N^6 of lysine residues (Source: WHO pINN list 123)

STRUCTURAL FORMULA

Sequence

PSETPQAEV	GPTGSPHRSG	PHSAKGSLEK	GSPEDKEAKE	PLWIRPDAPS	50
RCTWQLGRPA	SESPHHHTAP	AKSPKILPDI	LKKIGDTPMV	RINKIGKKFG	100
LKCELLAKCE	FFNAGGSVKD	RISLRMIEDA	ERDGTLKPGD	TIIEPTSGNT	150
GIGLALAAAV	RGYRCIIVMP	EKMSSEKVDV	LRALGAEIVR	TPTNARFDSP	200
ESHVGVAWRL	KNEIPNSHIL	DQYRNASNPL	AHYDTTADEI	LQQCDGKLDM	250
LVASVGTGGT	ITGIARKLKE	KCPGCRIIGV	DPEGSILAEP	EELNQTEQTT	300
YEVEGIGYDF	IPTVLDRTVV	DKWFKSNDEE	AFTFARMLIA	QEGLLCGGSA	350
GSTVAVAVKA	AQELQEGQRC	VVILPDSVRN	YMTKFLSDRW	MLQKGFLKEE	400
DLTEKKPWWW	HLR				415

Disulfide bridges

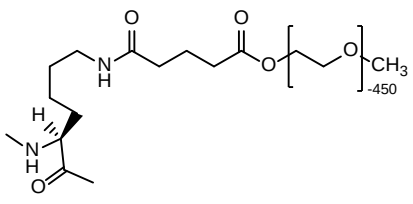
272-275 272’-275’

Glycosylation sites (N)

none

Pegylation

~5 **K** per monomer =



MOLECULAR FORMULA	Not determined
MOLECULAR WEIGHT	Not determined

TRADEMARK	None as yet
SPONSOR	Travere Therapeutics Inc.
CODE DESIGNATIONS	TVT-058, OT-58
CAS REGISTRY NUMBER	2304692-47-3
UNII	3G3529LUQ7
WHO NUMBER	11414

gbk